<u>IN THE SPECIFICATION</u>

Please amend the Title on page 1 as follows:

~~COMMUNICATION APPARATUS~~

<u>CHANNEL CODE ASSIGNMENT ACCORDING TO GAIN FACTOR</u>

Please insert the following text on page 11, between line 11 and line 13:

Brief Description of the Drawings

Fig. 1 shows a configuration of a CDMA terminal according to the first embodiment.

Fig. 2 shows a configuration of a CDMA base station.

Fig. 3 shows a configuration of a CDMA controlling unit according to the first embodiment.

Fig. 4 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes by calculating gain factors when an HS-DPCCH is set as specified in a specification according to the first embodiment.

Fig. 5 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes by calculating gain factors when an HS-DPCCH is fixed to a Q side according to the first embodiment.

Fig. 6 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes by calculating gain factors when an HS-DPCCH is fixed to an I side according to the first embodiment.

Fig. 7 shows a flowchart for determining assignment of channelization codes by calculating gain factors according to the first embodiment.

Fig. 8 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes based on magnitudes of gain factors when there is no HS-DPCCH according to a second embodiment.

Fig. 9 shows a configuration of a CDMA controlling unit according to the second embodiment.

Fig. 10 shows a flowchart for determining assignment of channelization codes based on magnitudes of gain factors when there is no HS-DPCCH according to the second embodiment.

Fig. 11 shows a configuration of a CDMA controlling unit according to a third embodiment.

Fig. 12 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=2 when there is no HS-DPCCH according to the third embodiment.

Fig. 13 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=3 when there is no HS-DPCCH according to the third embodiment.

Fig. 14 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=4 when there is no HS-DPCCH according to the third embodiment.

Fig. 15 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=5 when there is no HS-DPCCH according to the third embodiment.

Fig. 16 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=6 when there is no HS-DPCCH according to the third embodiment.

Fig. 17 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes based on magnitudes of gain factors when an HS-DPCCH is set as specified in a specification according to a fourth embodiment.

Fig. 18 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes based on magnitudes of gain factors when an HS-DPCCH is fixed to a Q side according to the fourth embodiment.

Fig. 19 is an explanatory drawing of data channel multiplex transmission for determining assignment of channelization codes based on magnitudes of gain factors when an HS-DPCCH is fixed to an I side according to the fourth embodiment.

Fig. 20 shows a configuration of a CDMA controlling unit according to the fourth embodiment.

Fig. 21 shows a flowchart for determining assignment of channelization codes based on magnitudes of gain factors when there is an HS-DPCCH according to the fourth embodiment.

Fig. 22 shows a flowchart for determining assignment of channelization codes based on magnitudes of gain factors when there is an HS-DPCCH according to the fourth embodiment.

Fig. 23 shows a configuration of a CDMA controlling unit according to a fifth embodiment.

Fig. 24 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=2 when there is an HS-DPCCH according to the fifth embodiment.

Fig. 25 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=3 when there is an HS-DPCCH according to the fifth embodiment.

Fig. 26 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=4 when there is an HS-DPCCH according to the fifth embodiment.

Fig. 27 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=5 when there is an HS-DPCCH according to the fifth embodiment.

Fig. 28 shows an example of assigning channelization codes based on data amount in case of the number of multiplexing N=6 when there is an HS-DPCCH according to the fifth embodiment.

Fig. 29 shows a configuration of data channel multiplex transmission described in 3GPP.

Fig. 30 shows a configuration for creating a scrambling code in HPSK modulation.

Fig. 31 is a diagram showing a phase variation of a chip on a complex plane.

Fig. 32 shows an example of assignment using only a channelization code C4,0 or C4,1 when the number N of multiplexing of DPDCHs is 3 according to a conventional method.

Fig. 33 shows an example of assignment using only a channelization code C4,2 or C4,3 when the number N of multiplexing of DPDCHs is 3 according to a conventional method.

Fig. 34 shows an example of assignment of channelization codes when the number N of multiplexing of DPDCHs is 4 according to a conventional method.

Fig. 35 shows a configuration of data channel multiplex transmission in uplink enhancement (case 1).

Fig. 36 shows a configuration of data channel multiplex transmission in uplink enhancement (case 2).

Fig. 37 shows a flowchart for determining assignment of channelization codes by calculating gain factors according to a sixth embodiment.

Fig. 38 shows a flowchart for determining assignment of channelization codes by calculating gain factors according to a seventh embodiment.

Fig. 39 shows a flowchart for determining assignment of channelization codes based on a magnitude of SF when there is no HS-DPCCH according to an eighth embodiment.

Fig. 40 shows an example of assignment of channelization codes based on a magnitude of SF when there is no HS-DPCCH according to the eighth embodiment.

Fig. 41 shows a code tree of channelization codes at an I axis according to the eighth embodiment.

Fig. 42 shows a code tree of channelization codes at a Q axis according to the eighth embodiment.

Fig. 43 shows an example of assignment of channelization codes based on a magnitude of SF when there is an HS-DPCCH according to the eighth embodiment.

Fig. 44 shows an example of assignment of channelization codes based on a magnitude of SF when there is an HS-DPCCH according to the eighth embodiment.

Fig. 45 is a table showing a configuration of channelization codes according to the eighth embodiment.

Fig. 46 shows a flowchart for determining assignment of channelization codes when data channels having different SFs are multiplexed according to the eighth embodiment.

Fig. 47 shows a flowchart for determining assignment of channelization codes when data channels having different SFs are multiplexed according to the eighth embodiment.

Please delete the text at page 54, line 30 to page 58, line 29.